

CAN FD connection via Ethernet

The PCAN-Gateway series from Peak-System is designed for the transmission of CAN frames over IP networks. With the PCAN-Ethernet Gateway FD DR, the German company released a model that supports CAN FD in addition to the Classical CAN standard.



Two CAN interfaces enable the connection of CAN FD network with data bit-rates of up to 10 Mbit/s. The connection to the IP network is established via Ethernet. An AM5716 Sitara processor provides the required performance. If a CAN network is equipped with a PCAN-Ethernet Gateway FD DR, a LAN interface is all that is needed to access the CAN network with one or more computers. A conventional CAN interface is not required. When using two gateways, distant CAN networks can be connected via an IP network. The limiting factor of the maximum CAN length does not apply.

The configuration of the product family is done just like with a common Internet router via a web interface. Status information and settings for the communication interfaces, message forwarding, and filters are available. Alternatively, a JSON interface allows access via software.

[CW](#)

(Source: Peak-System)